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WASHINGTON, DC 20005

EXAMINER

INGBERG, TODD D

ART UNIT	PAPER NUMBER
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2193

DATE MAILED: 08/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/323,210

Applicant(s)

ZEANAH ET AL.

Examiner

Todd Ingberg

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 May 2005.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 58-111 is/are pending in the application.
4a) Of the above claim(s) 1-57 is/are withdrawn from consideration.
5) ☒ Claim(s) 108-111 is/are allowed.
6) ☒ Claim(s) 58-107 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 13 September 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.


TODD INGBERG
PRIMARY EXAMINER

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 5/10/05.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____

DETAILED ACTION

Claim Status

Claims 58 – 11 have been examined.

Claims 1 – 57 are canceled.

Specification

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed. Legal wording like “system” and “methods” etc should be removed.
2. The abstract of the disclosure is objected to because the limited established after the filing of the application is 150 words. Correction is required. See MPEP § 608.01(b).

Drawings

3. The drawings submitted September 13, 2004 are acceptable.

Information Disclosure Statement

4. The Information Disclosure Statement filed May 10, 2005 was not able to be fully considered because of poor print quality. The Examiner obtained a copy of the references with poor print quality or part which were unable to be read and cited them on the PTO-892. The newer copy will be scanned and able to be read. No action required by Applicant.

Priority

5. Domestic Priority is secured by provisional application 60/029,209 with an effective filing date of October 31, 1996.

Claim Rejections - 35 USC § 101

6. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 58 – 71, 83 – 109, and 111 rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The claimed invention is not statutory because they are not tangibly embodied. The Examiner has provided one way to overcome this rejection.

Claim 58

A system **tangibly embodied on a computer readable medium** for delivering services from a host site to a remote device, comprising: a mini-app dialog component for receiving a request for a service function from the remote device; and a transaction executor component instantiated by the mini-app dialog component to perform the requested service function.

Claim 83

A system **tangibly embodied on a computer readable medium** for delivering services to a user through a remote device, comprising: a presentation manager for receiving a request for a service function from the user through the remote device and for converting the request into a canonical format; and a transaction executor component for performing the requested service function based on the canonical format.

Claim 108

A system **tangibly embodied on a computer readable medium** for delivering services from a host site to a remote device, comprising: a mini-app dialog component that receives a request for a service function from the remote device; a transaction executor component instantiated by the mini-app dialog component to perform the requested service function; and a rule broker component that selectively procures business rules from various sources in reply to rule queries from the mini-app dialog component and the transaction executor component.

Claim 111

A system **tangibly embodied on a computer readable medium** for delivering services to a user through a remote device, comprising: a presentation manager that receives a request for a service function from the user through the remote device and for converting the request into a canonical format; a transaction executor component that performs the requested service function based on the canonical format; and a rule broker component that selectively procures and transmits business rules from various sources in reply to rule queries from the transaction executor component and the presentation manager component.

Claim Interpretation

7. For claims 60, 61, 80 and 81 the type of user is treated as data. The type of user offers no further limitations.

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

9. Claims 58 – 63 and 67 are rejected under 35 U.S.C. 102(e) as being anticipated by Gish USPN #6,052,711 filed July 1, 1996 and published April 18, 2000.

Claim 58

A system for delivering services from a host site to a remote device, comprising: a mini-app dialog component for receiving a request for a service function from the remote device; and a transaction executor component instantiated by the mini-app dialog component to perform the requested service function.

Examiner's Response

Gish anticipates client (remote) and server (host) networks with messages (Gish, Abstract). Gish utilizes JAVA applets (mini-dialog) (Gish, col 45, lines 60-65 to col 46, lines 1 to 42). Gish's mediator handles messages (Gish, figures 16, 22 and 23,) and Gish' Window manager Col 3, lines 30 – 47, interacts with the applications to perform the requested functions.

Claim 59

The system as set forth in claim 58, wherein the service function is requested from a user at the remote device.

Examiner's Response

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Tracing the request as disclosed in claim 58. from the client's start-up application (Gish, col 18, lines 60-66, Figure 6) to the server to the for processing (Gish, col 18, lines 65 to col 19, lines 15)

Claim 60

The system as set forth in claim 59, wherein the user includes a customer of the host site.

Examiner's Response

Interpreted to be the party operating the Server. Deemed inherent – Servers require a degree of interaction with a human (customer).

Claim 61

The system as set forth in claim 59, wherein the user includes an employee of the host site.

Examiner's Response

As per claim 60

Claim 62

The system as set forth in claim 59, wherein the user includes a service provider external to the host site.

Examiner's Response

Gish anticipates the use of the Internet (Gish, 19, lines 50-55).

Claim 63

The system as set forth in claim 58, wherein the mini-app dialog component also collects information from the remote device.

Examiner's Response

Collecting information from the client (Gish, col 18, lines 60-66, start-up application ,Figure 6)

Claim 67

The system as set forth in claim 58, wherein the remote device comprises a computer.

Examiner's Response

Gish anticipates a personal computer fort a remote device (Gish, col 2, lines 25-30)

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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11. Claims 64 – 66 and 72 – 107 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gish as applied to claim 58 - 63 above, and further in view of Lam USPN 5,926,636 filed February 21, 1996 and published July 20, 1999.

Claim 64

The system as set forth in claim 63, further comprising a presentation manager component for mapping the information from the remote device into a canonical representation of the information.

Examiner's Response

Gish teaches receiving and sending messages between host and remote devices but does not teach the details to the level of Lam. Lam col 12 lines 35 – 50 teach the formatting for remote devices. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to combine Gish and Lam because the formatting allows for the support of different terminal types.

Claim 65

The system as set forth in claim 63, wherein the information from the remote device is collected by the mini-app dialog component as a canonical representation of the information.

Examiner's Response

Gish taught the start-up application (see claim 58) and Lam teaches the formatting of messages (See claim 64). Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to combine Gish and Lam because the formatting allows for the support of different terminal types.

Claim 66

The system as set forth in claim 64, wherein the information from the remote device is in a format designated for the remote device.

Examiner's Response

Lam teaches formatting for remote devices (Lam, col 10 lines 60 – 65 to col 11, lines 1 – 45).

Claim 72

A method for delivering services from a host site to one or more users through one or more remote devices, comprising: receiving a first request for a service function from a first user through a first remote device, wherein the first request for a service function is in a first format designated for a first remote device; converting the first request for a service function from the first format into a canonical format; performing the first requested service function based on the canonical format of the first request for a service function.

Examiner's Response

As per claims 58 and 64

Claim 73

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The method as set forth in claim 72, further comprising: outputting a welcome page to the first user through the first remote device; and collecting the first user's identity and preference information.

Examiner's Response

As per claims 58 and 59

Claim 74

The method as set forth in claim 72, further comprising: generating a first response relating to the first performed service function; formatting the first response in the first format designated for the first remote device; and sending the first formatted response to the first user through the first remote device.

Examiner's Response

As per claim 58 and claim 64 (single device)

Claim 75

The method as set forth in claim 72, further comprising: instantiating a mini-app dialog component.

Examiner's Response

As per claim 58.

Claim 76

The method as set forth in claim 72, wherein performing the first requested service function comprises: collecting sufficient information from the first user; and instantiating a transaction executor component to perform the first requested service function.

Examiner's Response

As per claim 58 and 59.

Claim 77

The method as set forth in claim 72, further comprising: receiving a second request for a service function from a second user through a second remote device, wherein the second request for a service function is in a second format designated for a second remote device; converting the second request for a service function from the second format into the canonical format; performing the second requested service function based on the canonical format of the second request for a service function.

Examiner's Response

Interpreted to be multiple devices in the network and met by Claims 58 and Claim 64.

Claim 78

The method as set forth in claim 72, further comprising: receiving a second request for a service function from a second user through the first remote device; performing the second requested service function.

Examiner's Response

As per claim 72.

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Claim 79

The method as set forth in claim 72, wherein the remote device comprises a display device.

Examiner's Response

As per claim 69.

Claim 80

The method as set forth in claim 72, wherein the one or more users include a customer of the host site.

Examiner's Response

As per claim 61.

Claim 81

The method as set forth in claim 72, wherein the one or more users include an employee of the host site.

Examiner's Response

As per claim 61.

Claim 82

The method as set forth in claim 72., wherein the one or more users include a service provider external to the host site.

Examiner's Response

As per claim 62.

Claim 83

A system for delivering services to a user through a remote device, comprising: a presentation manager for receiving a request for a service function from the user through the remote device and for converting the request into a canonical format; and a transaction executor component for performing the requested service function based on the canonical format.

Examiner's Response

As per claim 58 and 64.

Claim 84

The system as set forth in claim 83, further comprising a welcome mat for collecting user identity and preference information.

Examiner's Response

As per claim 58 and Gish, col 35, lines 20-60.

Claim 85

The system as set forth in claim 84, further comprising a navigation shell for informing the user of available service functions based on the collected user identity and preference information.

Examiner's Response

Gish, browser, col 15, lines 38 – 55, col 29, lines 55 - 60

Claim 86

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The system as set forth in claim 84, further comprising a mini-app dialog component for collecting information relating to the requested service function from the user through the remote device and for instantiating the transaction executor component.

Examiner's Response

As per claim 58.

Claim 87

The system as set forth in claim 86, further comprising a navigation shell instantiated by the welcome mat for receiving the requested service function from the presentation manager and for instantiating the mini-app dialog component.

Examiner's Response

As per claim 58 and claim 85

Claim 88

The system as set forth in claim 84, further comprising a customer services set for providing a profile of the user based at least on the collected user identity.

Examiner's Response

As per claim 84.

Claim 89

The system as set forth in claim 88, wherein the customer services set comprises a customer identification (ID) component which contains information relating the user identity.

Examiner's Response

As per claim 58 and claim 85

Claim 90

The system as set forth in claim 88, wherein the customer services set comprises a customer relationship component which contains information identifying a transactional relationship between the user and a host institution that provides the services to the user via the system.

Examiner's Response

As per claim 58 and col 35, lines 15 – 60.

Claim 91

The system as set forth in claim 88, wherein the customer services set comprises an issuer component which contains information about a host institution that uses the system to provide services to users.

Examiner's Response

As per claim 58 and Splash screen col 45, lines 55 – 65.

Claim 92

The system as set forth in claim 88, wherein the customer services set comprises an acquirer component which contains information about an acquiring business for a session.

Examiner's Response

As per claim 58 and col 45, lines 15 – 55.

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Claim 93

The system as set forth in claim 88;, wherein the customer services set comprises an account component which contains information about one or more accounts of the user.

Examiner's Response

As per claim 58 and col 47 , line 22 to col 48, line 28.

Claim 94

The system as set forth in claim 83, further comprising a session controller component for receiving an initial contact from the user through the remote device and for instantiating a session component for a session bubble associated with the user.

Examiner's Response

As per claim 58, Gish col 71, lines 1 – end of page

Claim 95

The system as set forth in claim 94, wherein the transaction executor component is associated with the session bubble.

Examiner's Response

The functionality of claim 58 and resulting in the invoking of claim 94.

Claim 96

The system as set forth in claim 95, wherein the session controller component is also for receiving an initial contact from another user through the remote device and for instantiating another session component for another session bubble associated with the another user.

Examiner's Response

Interpreted to be multiple users on a network as taught by Gish and claims 58 and 94.

Claim 97

The system as set forth in claim 96, further comprising another transaction executor component associated with the another session bubble.

Examiner's Response

Claim 58 and claim 85.

Claim 98

The system as set forth in claim 97, further comprising a mini-app dialog component associated with each of the session bubbles for collecting information from the user of the respective session bubble and for instantiating the transaction executor component associated with the respective session bubble.

Examiner's Response

As per claim 58 and claim 97.

Claim 99

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The system as set forth in claim 98, further comprising an interface component for interfacing with the users for the session bubbles and for routing the information from each user to the mini-app dialog component associated with the respective session bubble.

Examiner's Response

As per claim 58 and Gish, Figure 12, #1280 Access.

Claim 100

The system as set forth in claim 97, further comprising an aback doorman component for coordinating messages between the transaction executor components in the session bubbles and a single external service provider.

Examiner's Response

As per claim 99.

Claim 101

The system as set forth in claim 94, wherein the session component instantiates a welcome mat component for collecting the user's identity and preference information.

Examiner's Response

As per claim 84.

Claim 102

The system as set forth in claim 94, wherein the session controller component is also for receiving an initial contact from another user through the remote device and for instantiating another session component for another session bubble associated with the another user.

Examiner's Response

As per claim 96.

Claim 103

The system as set forth in claim 102, further comprising a system services set for providing common services to the session bubbles.

Examiner's Response

"Welcome mat" as per above.

Claim 104

The system as set forth in claim 83, wherein the remote device comprises a display device.

Examiner's Response

As per claim 69.

Claim 105

The system as set forth in claim 83, wherein the user includes a customer of a host institution that uses the system to deliver services.

Examiner's Response

As per claim 61.

Claim 106

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The system as set forth in claim 83, wherein the user includes an employee of a host institution that uses the system to deliver services.

Examiner's Response

As per claim 61.

Claim 107

The system as set forth in claim 83, wherein the user includes a service provider external to the system.

Examiner's Response

As per claim 62.

Claims 68 – 70 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gish as applied to claims 58 above, and further in view of Cowan USPN 5,828,840 filed August 6, 1996 and published October 27, 1998. Cowan teaches a plurality of remote device (Cowan, Figure 2). Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to combine the teachings of Gish and Cowan because a variety of remote device make networks more functional.

Claim 68

The system as set forth in claim 58, wherein the remote device comprises a telephone.

Examiner's Response

Cowan teaches a telephone as a remote device (Cowan, Figure 2).

Claim 69

The system as set forth in claim 58, wherein the remote device comprises a display device.

Examiner's Response

Cowan teaches a display device as a remote device (Cowan, Col 4, line 35).

Claim 70

The system as set forth in claim 58, wherein the remote device comprises an automated teller machine.

Examiner's Response

Cowan teaches a telephone as an automated teller (Cowan, Figure 2).

12. Claim 71 rejected under 35 U.S.C. 103(a) as being unpatentable over Gish as applied to claim 58 above, and further in view of Hawkins USPN 6,000,000.

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Gish teaches interaction with remote devices and teaches networked PDAs. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to combine Gish and Hawkins because Networked PDAs make a network more functional.

Claim 71

The system as set forth in claim 58, wherein the remote device comprises a personal data assistant.

Examiner's Response

Hawkins Handheld computer (Cover and Abstract).

Allowable Subject Matter

13. Claims 108 – 111 are allowable. The claims as recited below appears to encapsulate business rules in an object. The Examiner can not locate a teaching the specifically shows geographic regions as objects (Gish , col , lines) and the encapsulation of rules (methods) in combination or separately with sufficient motive to combine with existing limitations. The best art of record is the Martin reference. The Examiner is prohibited from using common knowledge or common sense. Official Notice and arguments based on basic knowledge or common sense which are not supported by evidence in the record lack substantial evidentiary support. In re Zurko.

Allowable independent claims are presented below.

Claim 108

A system for delivering services from a host site to a remote device, comprising: a mini-app dialog component that receives a request for a service function from the remote device; a transaction executor component instantiated by the mini-app dialog component to perform the requested service function; and a rule broker component that selectively procures business rules from various sources in reply to rule queries from the mini-app dialog component and the transaction executor component.

Claim 109

The system of claim 108, wherein the business rules are grouped in geographic region specific sets.

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Claim 110

A method for delivering services from a host site to one or more users through one or more remote devices, comprising: receiving a first request for a service function from a first user through a first remote device, wherein the first request for a service function is in a first format designated for a first remote device; converting the first request for a service function from the first format into a canonical format; and performing the first requested service function based on the canonical format of the first request for a service function; wherein performing the first requested service function includes applying a rule broker component to selectively procure business rules grouped in geographic region specific sets from various sources in reply to rule queries.

Claim 111

A system for delivering services to a user through a remote device, comprising: a presentation manager that receives a request for a service function from the user through the remote device and for converting the request into a canonical format; a transaction executor component that performs the requested service function based on the canonical format; and a rule broker component that selectively procures and transmits business rules from various sources in reply to rule queries from the transaction executor component and the presentation manager component.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

14. The following remarks were scanned from Applicant's remarks to

Applicant's Remarks

"Responsive to the Non-final Office Action (NOA) dated November 10, 2004, reconsideration is requested in view of the following remarks:

Rejection of claims 72-107, 110, and 111 under 35 USC 112, first paragraph

In the NOA (after the Board of Patent Appeals has reversed all of the Examiner's prior art rejections against pending claims 58-111), the Examiner rejected claims 72-107, 110, and 111 under 35 USC 112, first paragraph, as suggested by the Board. In the rejection, the Examiner employed the exact same language provided by the Board, as recited below:

"Further, the Examiner should address whether claims 72-107, 110, and 111 are supported by the specification as originally filed and whether a rejection under 35 U.S.C. 112, first paragraph is appropriate. See the Manual of Patent Examining Procedure."

2163.01. Appellants' specification as filed discusses the "canonical format conversion" in only a few places and all of those save one are directed to data output from a host to a remote device. At only one location does the specification discuss receiving messages in the reverse direction from a remote device to a host (See Appellants' specification page 12, lines 12-16). Claim 72 is specifically directed to requests from a remote device to a host. This very limited originally filed disclosure of receiving messages from a remote device at a host does not support the current claim language, which recites detailed functions and other limitations not found in the few lines on page 12 of Appellants' specification." Board's Decision, pp. 11-12; Rejection of 11/10/2004, pp. 2-3. As pointed out by the Board, the specification literally discusses receiving messages in the reverse direction from a remote device to a host with "canonical format conversion" through the following passage:

"The presentation manager component 52 also receives incoming messages from the remote device, converts choice information and form fields from the device specific format to a tagged canonical representation, and routes the representation to the appropriate component within the dialog services set 80." Specification, pp. 12-16. As stated in MPEP § 2163.02,

The subject matter of the claim need not be described literally (i.e., using the same terms or *in haec verba*) in order for the disclosure to satisfy the description requirement.

Indeed, as admitted by the Board, the original specification does literally discuss the claimed invention, specifically, the receiving of messages from a remote device to a host with "canonical format conversion." Further, it is submitted that when such literally passage is read in the context of the original specification as a whole, the original specification does provide support for the claimed invention. For example, the original specification states that the dialog services set 80, to which the tagged canonical representation is routed from the presentation manager component 52, includes at least one mini-app component 83, as recited below.

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Dialog Services Set 80

The dialog services set 80 is responsible for the semantic content and interaction with the customer and for initiating transactions on the customer's behalf. The dialog services set 80 includes a welcome mat component 81, at least one navigation shell component 82, at least one mini-app dialog component 83, and at least one legacy app bridge component 84. Although the navigation shell component 82, the mini-app dialog component 83 and the legacy app bridge component 84 have been shown as single components, each of these components may comprise a plurality of components." Specification, p. 18, lines 22+.

The original specification further provides walk-through examples, with reference to Figures 7A, 7B, 8A, and 8B, to show the receiving of messages or requests from a remote device to a host with "canonical format conversion." For example, in Figure 7A, at E41, the specification provides that,

At step E41, the customer selects a mini-app with the touch point and display component 31 and the request is sent into the delivery system 12. At step E42, the presentation manager component 52 demultiplexes the request based on mime-type and URL and sends the request to the navigation shell component 82. At step E43, the navigation shell component 82 instantiates the appropriate mini-app dialog component 83. At step E44, the mini-app dialog component 83 returns choices to the customer. At step E45, a back and forth dialog occurs between the customer and the mini-app dialog component 83 until all information is collected for a function. During this step, the miniapp dialog component 83 directs business rule questions to the rule broker component 121 for resolution during the dialog. Specification, p. 34, lines 34+.

Figure 8A shows E41, whereby the presentation manager 52 receives the message or request for a mini-app (e.g., for a service function) and forward it to the mini-app dialog component 83. Figure 8A also shows E45, whereby a back-and-forth dialog occurs between the customer and the mini-app dialog component inherently through the presentation manager 52. As literally discussed in the original. specification and aforementioned, the presentation manager 52 is responsible for the "canonical format conversion" between the customer's remote device and the mini-app dialog component 83. This is further affirmed by the following passages in the original application,

"A one to one mapping exists between canonical templates that mini-app dialog components 83 reference and delivery vehicle specific templates that the presentation manager component 52 uses." Specification, p. 36, lines 9-11. And,

"The canonical templates that mini-app dialog components 83 use are bounded by a frame. The mini-app dialog components 83 are responsible for setting the properties of the named objects within its canonical templates."

Specification, p. 37, lines 25+. In other words, because the mini-app dialog components use canonical templates and thus canonical format to process data, requests from a customer's remote device to the mini-app dialog must be converted to a canonical format by the presentation

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manager in order for the mini-app dialog components to process. Accordingly, it is respectfully submitted that pending claims 58-111 are properly supported by the disclosure as originally filed, which complies with the written description requirement set forth under 35 USC 112, first paragraph.”

Examiner's Response

Applicant points out the Board mentioned the Examiner should comment on if a rejection under 35 USC 112, first paragraph is appropriate. At the center of the issue is the Specification and claims focus of the one transmission. Examiner views the use of two way communications as old and well known in the art. In the Background of Invention (Specification , page 1) the intended target is a banking (financial) environment. Although, the claimed invention is silent as to the intended use of the invention. The claims to The types of devices are claimed and when one of ordinary skill in the art interprets the ability to communicate between a server and remote device (such as a PDA) and all the equipment between them. It is clear the communications is two way. The Board pointed out the in only one location did the Specification mention receiving messages from a remote device. The formatting for the different remote devices is more technically involved than the formatting for processing by the server.

Applicant's silence to the Board of Appeals remarks on patentability of prior art has resulted in a new grounds of rejection.

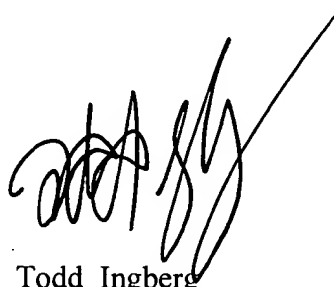
Correspondence Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Todd Ingberg whose telephone number is (571) 272-3723. The examiner can normally be reached on during the work week..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571) 272-3719. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Todd Ingberg', with a long, sweeping line extending from the end of the signature.

Todd Ingberg
Primary Examiner
Art Unit 2193

TI